



Project No: MCC001901030201
Project: Final Remedial Investigation
Client: AFCEE
Location: Site 24 - Vandenberg AFB
Northing: 640109.334

Borehole ID: HGL34(24MW11B)
Date: 11/18/2002 24-MW-11A
Geologist: M. Jackson 24-PMW-11
Checked By: D. Smith, R.G.
Ground Surface Elevation(ft msl): 458.23
Easting: 1768245.497

SUBSURFACE PROFILE					SAMPLE			Water Level	Remarks
Depth	Symbol	Description	USCS	Elevation	Recovery %	Blow Counts	PID (ppm)		
2	[Cross-hatched symbol]	Sandy silty clay Medium gray (silty clay) and pale yellowish brown (sand), very moist, plastic, 55% silty clay, 40% medium grained sand, 5% cobbles, fill	fill	454					
4			SP		70	7/7/18	2.3		
6	[Dotted symbol]	Poorly graded sand Dark yellowish brown, moist, soft, 100% medium grained sand							
8		unit becomes dark yellowish orange and very moist at 5'							
10	[Dotted symbol]				90	26/32/34	3.7		
12									
14	[Dotted symbol]	lense of clayey sand from 12'-13.5' (medium gray, moist, slightly dense)	SC						
16			SP		100	25/35/37	2.6		
18	[Dotted symbol]	unit becomes saturated at 15'							
20									
22	[Dotted symbol]	lense of silty clay from 20.5' to 22.5' (brownish gray, moist, moderate plasticity)	CL		100	24/34/21	2.6		
24			SP						
26	[Dotted symbol]				100	23/38/50 for 5"	2.4		
28		unit becomes saturated at 26'							
30	[Dotted symbol]								
32			SC		100	31/46/35	2.8		
34	[Dotted symbol]	lense of sand with clay from 30.5' to 32.5' (pale yellowish brown, moderate dense)	SP						
36					100	19/31/50 for 5"	3.7		
38	[Dotted symbol]	unit becomes saturated at 35'							
40		lense of clayey sand from 38'-39'	SC						
			SP	418	80	12/37/50 for 4"	2.4		

1010 Set shallow temporary well at 19.5', above silty clay.

Temporary well set at intermediate zone just below and screened across clayey sand at approximately 40'.

Drilled By: Layne Christensen

Drill Method: Dual Tube Percussion

Drilling Equipment: AP-1000

Sampling Equipment: CA Mod Split Spoon

HydroGeoLogic, Inc.
4600 Northgate Blvd., Suite 207
Sacramento, CA 95834

(916) 614-8770 FAX (916) 614-8775

Boring Diameter: 10"

Total Depth Drilled: 66'

Sheet: 1 of 2



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42			SP		80				
44									
46					50	32/50 for 4"	0.5		
48									
50					20	49/50 for 5"	0.7		
52									
54									
56		iron oxide staining at 55' (10%)			90	8/20/34	1.8		
58		unit becomes coarse grained sand at 60'							
60		unit becomes medium grained sand at 60.5'			70	9/34/50 for 1"	1.4		
62				395					Outside of split spoon sampler wet. Set temporary deep well at 66'. Converted boring to deep well 24MW11B. Wells 24PMW11 and 24MW11A placed adjacent to this boring.
64		Clay with silt	CL	392					
66		Pale yellowish brown mottled with dark yellowish orange (20%), moist, stiff, low plasticity, 85% clay, 15% silt							
68									
70									
72									
74									
76									
78									
80									

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